LIBRARY OF THE COLLEGE OF AGRICULTURE

DEPARTMENT OF AGRICULTURE LIBRARY

THE

GENESEE FARMER:

A MONTHLY JOURNAL DEVOTED TO

AGRICULTURE & HORTICULTURE,

DOMESTIC AND RURAL ECONOMY.

ILLUSTRATED WITH NUMEROUS ENGRAVINGS OF

FARM BUILDINGS, IMPLEMENTS, DOMESTIC ANIMALS,

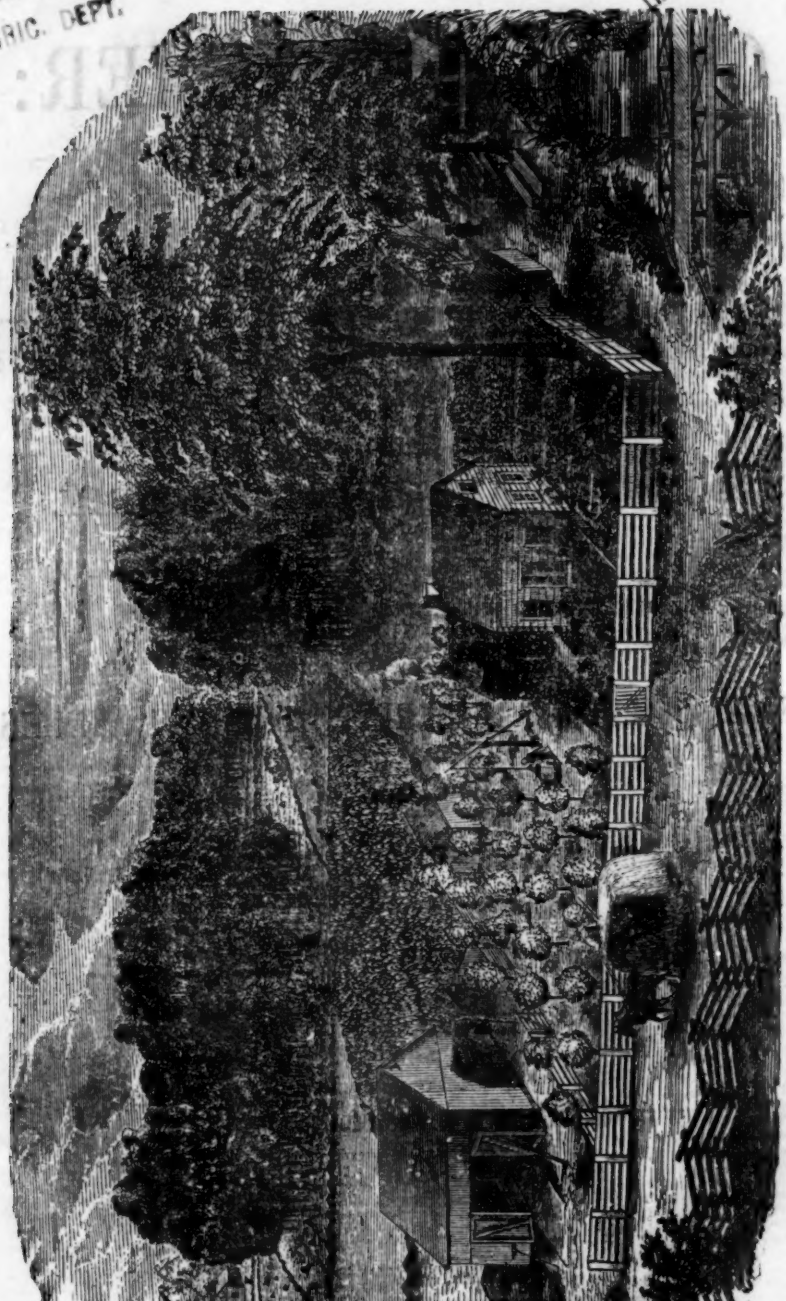
FRUITS, FLOWERS, SHRUBS, &c.

ESTABLISHED IN 1831.

VOLUME XVIII, SECOND SERIES.—1857.

ROCHESTER, N. Y.:
JOSEPH HARRIS, PUBLISHER AND PROPRIETOR,
AMERICAN BUILDING, BUFFALO STREET.
1857.

Main Lib.
Agric. Dept.
AGRIC. DEPT.
S1
G4
v.1 F
AGRIC. LIBRARY



47324

INDEX TO VOLUME XVIII.

Agricultural Fairs, benefit of,..153, 181, 214
— journals, French,..... 53
— papers, and the duty of farmers to write for them,..... 48
— — influence of,..... 56, 119, 180
— quackery,..... 201
— — a farmer's opinion of,..... 246
— reading,..... 47, 75
— Society, Fair of the Royal,..... 267
— — N. Y. State, Fair of the,..... 333
— — — — — Winter Meeting,..... 97
— — United States,..... 34, 66, 322
Agriculture, a few thoughts on,..... 369
— a glance at Virginia,..... 241
— facts in,..... 17
— have we made any progress in, during the present year?..... 361
— in Virginia,..... 340
— in Western N. Y., as described by an intelligent Scotch farmer,..... 342
— its advantages,..... 20
— Ohio State Board of,..... 35
Ammonia in green-houses,..... 261
Amusements, Western,..... 225
Anecdote, Bakewell's,..... 279
Angle worms, to kill,..... 323
Animals in winter,..... 374
— look to your,..... 25
— rules in fattening,..... 369
— teaching,..... 247
Apple, pink-fleshed,..... 131
— the Ortley,..... 318
— tree borer and bark-louse,..... 160
— — caterpillar,..... 162, 285
— — worm, a new,..... 61
— trees,..... 139
— — dwarf,..... 135, 139
— — re-grafting old,..... 58, 75
Apples, baked, sweet,..... 16
— cultivation of,..... 155
— lime barrels for preserving,..... 221
— peaches, plum and other fruit, drying,..... 89
Arbor Vitæ, American,..... 101, 187
Artichokes as a field crop,..... 16
— cultivation of,..... 117
Asparagus and rhubarb,..... 95

Balsam Fir trees,..... 15
Barley,..... 270
— cultivation of,..... 105, 138, 142
— fall plowing for,..... 165
— soaking in nitre water,..... 165
— winter,..... 48, 99
Bean fodder,..... 171
Beans as a field crop,..... 16, 117
— cultivation of,..... 51, 142, 144, 184
— for stock,..... 43
— in hills or drills,..... 165, 183
— large vs. small,..... 115, 139
— profitable varieties of,..... 184
— white, an acre and a half of,..... 182
Beef, quality of,..... 260
Bees,..... 130
— management of,..... 146, 176
Beet leaves,..... 96
Beets and carrots,..... 211
— and corn-fodder as a second crop,..... 206
— for milch cows,..... 17, 43
Birds—again,..... 169
— Cherry,..... 163
— spare the,..... 66
— their usefulness,..... 125, 139
Blackberry plants, bones on,..... 378
Blackberries, prolific Lawton,..... 260
Black knot—hogs vs. curculio,..... 161
Bone spavin,..... 184
Bones,..... 374
Bound volumes of the Genesee Farmer,..... 66
Borers, vine-bugs, sulphur on corn, &c.,..... 141
Broom corn, cultivation of,..... 145, 175
— — in Ohio,..... 175
Buckwheat, cultivation of,..... 202
Bushel, the number of pounds in a,..... 44
Business affairs, good management of,..... 341
— mind your,..... 342
Butter, cheesy,..... 60
Butter from prairie hay,..... 361
— laying down for winter,..... 341
— making,..... 86, 177, 210
— — in Massachusetts,..... 263
— — profits of,..... 65
— — ten rules to be observed in,..... 110, 138
— New York premium,..... 281
— preserving,..... 301

Cabbage fly, lettuce for,..... 111
— for stock,..... 196
Cabbages, manure for,..... 351
Calves, drink for,..... 178
— lice on,..... 131
— on the management of,..... 305, 306
— rearing,..... 182, 309
— wintering,..... 47
Carrots,..... 107
— cultivation of,..... 111, 138
— don't thin,..... 183
— harvesting,..... 206
— on the same ground every year,..... 195
— premium crop of,..... 235
Cattle, be kind to thy,..... 182
— cost of raising,..... 13
— cure for warts on,..... 66
— Devon vs. Durham,..... 117
— disease in Ohio,..... 245
— — in the feet of,..... 50
— Durham, for California,..... 133
— hoven in,..... 38, 118
— quarter-ill in,..... 54
— Show, Smithfield Club,..... 51
— the British breeds of,..... 329
Cedar, white,..... 101
Celeriac, or turnip-rooted celery,..... 254
Chalk burning,..... 37
Cheese factory, a great,..... 130
— making,..... 154, 177
— — in a small dairy,..... 142
— to destroy mites in,..... 373
Chess and cockle,..... 276
— does wheat turn to,..... 290, 322
— will rye turn to,..... 303
Chinese sugar cane,..... 17, 37, 75, 108
— — — experiments with,..... 48, 140, 341
— — — in Canada,..... 374
— — — molasses from,..... 227
Churning in winter,..... 365
Cineraria, the,..... 29
City or country residence most desirable,..... 91
Clover and grass, cutting and curing for fodder,..... 203
— for soiling purposes,..... 73
— raising in Massachusetts,..... 116
— seed,..... 12
— — sowing,..... 73
— sod, manuring, for potatoes, corn, &c.,..... 73
Clubs, farmers',..... 276
Cook, learn to,..... 289
Corn crop, a boy's,..... 281
— cultivation of,..... 82, 114, 117, 139
— — — in Indiana,..... 184
— — — in Kentucky,..... 118
— — — in Maine,..... 119
— deep plowing for,..... 179
— fall plowing for,..... 16
— for fodder,..... 270
— good culture of,..... 340
— green, an excellent way to prepare for winter use,..... 256
— hoeing, in dry weather,..... 176
— late planted,..... 206
— management of for feeding cattle,..... 340
— planter, foot,..... 132
— plowing land for,..... 45
— seed,..... 16, 51
— — selecting,..... 164
— sound,..... 245, 276
— the season for,..... 270
— too much seed,..... 13
— topping vs. cutting up,..... 339
Cottages, designs for,..... 66
Cow, a good,..... 153
Cows and butter making,..... 19
Cows, feeding,..... 131
— — for butter,..... 121
Country house, English,..... 346
Crops in Seneca county,..... 338
— rotation of,..... 171
Crow scarers,..... 171
Cucumber vines, to protect from bugs,..... 328
Curculio, lime and sulphur for the,..... 323
— remedy for the,..... 342
— the plum,..... 218, 286
Currant bush worm,..... 162, 191
Currants, cultivation of,..... 161
Curves, a simple instrument for laying out,..... 60

Dahlia, my first,..... 163, 171
Dahlias,..... 30
Dairy, a good,..... 14
Dead furrows and headlands,..... 16
December, hints for,..... 374
Devon bull Puritan,..... 54
Draining ponds, excavate in flat fields,..... 206
— without tiles,..... 278
Drouth, on the best means of escaping injury from,..... 308
Dioscorea Batatas, the,..... 291
Dwarf trees of China,..... 221

Earth or angle worm,..... 161
Edge tools, sharpening,..... 18
Egg plant, cultivating the,..... 254
Ergot, cause of foul in the feet,..... 77
Essays for the Genesee Farmer,..... 308
— prize,..... 323
Eugenia Ugni,..... 30
Evergreens, six hardy,..... 186
— transplanting early in autumn,..... 288
Ewes and lambs,..... 132, 189
Exhibition, Provincial, of C. W.,..... 334
Experience, another chapter from,..... 50

Fact, an interesting,..... 66
Facts, a few for the Genesee Farmer,..... 77
Farm accounts,..... 213
— laborer, cheap,..... 368
Farmers, brief remarks addressed to,..... 29
— Clubs,..... 22
— Debating Societies,..... 367
— gardens, management of,..... 156
— how much education, and what kind, do they need?..... 311
— why do so few write for agricultural papers?..... 312
— wives should be educated,..... 314
Farm house,..... 256
— — design for,..... 216
— — — a brick,..... 248
— — hints on building a,..... 181
— houses in Michigan,..... 115
— life, how can farmers render it attractive to their sons,..... 309
— — how to make it attractive,..... 33, 89
— keep an account with your,..... 23
— stock, scarcity of,..... 239
Farming a science,..... 215
— going up,..... 277
— high profits of,..... 199
— operations, advantages of forethought in,..... 162, 177, 274
— — advantages of system in,..... 153, 212
— ten essentials to good,..... 208
— tools, how to keep clean and bright,..... 275
— why considered a degrading vocation,..... 310
Fat, composition of,..... 79
Fence, cheap,..... 53
— — board,..... 53
— on heavy ground,..... 180
Fences,..... 74
— building,..... 101
— a few words about,..... 214
Fencing a farm, best method,..... 85
Figs, drying,..... 197
Flat fields, excavate draining ponds in,..... 206
Flowers, cultivation of,..... 158, 193, 254
— forest,..... 198
— for spring growing,..... 135

335487

— winter, for rooms, ... 31
Fly on cherries, ... 28
Fodder, scarcity of, at the West, ... 277
Foul in the feet, ... 77, 109
Fowls, barn-yard, on the management of, ... 306
— improve your stock of, ... 343
Fruit culture desirable, ... 27
— drying, ... 132, 224
— gathering and ripening, ... 288
— Growers' Soc. of Western N. Y., ... 36
— — — — — — meeting of, ... 92, 315
— growing in Oregon, ... 127
— is the culture of, on a more extended scale, desirable, ... 87
— old varieties of, wearing out, ... 224
— thinning of, ... 29
— trees, is it desirable to plant, in the highways, ... 313, 376
— — rabbits, &c., ... 187
— — tar on, ... 61
— varieties of, for the West, ... 352
Fruits, preserving, without sugar, ... 218
Fuel for summer, ... 74
Fuschia, the monstrous, ... 30

Garden, a farmer's, ... 171
— an Ohio farmer's, ... 163
— in my new.—No. 1, ... 223
— — — — No. 2, ... 252
— — — — No. 3, ... 285
— — — — No. 4, ... 349
— my new, ... 128
— is it proper for ladies to assist in the, ... 314
— seed should be sown in drills, ... 123
— seeds, sowing, ... 124
— the, ... 31
Gardens, compost for, ... 376
— why do farmers generally neglect their, ... 88, 187, 190
Gardening at the North Pole, ... 255
— ladies should do their own, ... 256
Garget, cure for the, ... 195
Genesee Farmer, the, (poetry,) 381
Goat, ewe Cashmere, ... 25
Gooseberries, grafting, ... 191
Gooseberry mildew, cure for, ... 28
Graperies, cold, ... 96, 133
Grapes, culture of, in the open air, ... 284, 350
Grass, ... 270
— country, blessings of a, ... 206
— timothy, seeding to, ... 367
Green-houses, glass for, ... 30
Guano and concentrated manures, ... 110
— in England, ... 132
— phosphates in, ... 130

Hail storms in England, ... 323
Hay, corn-stalks, &c., cutting, ... 150
Headlands, productiveness of, ... 50
Head-ropes for cattle, ... 61
Hedges, ... 134
— osage orange, ... 66, 127
— sweet briar, ... 109
Hens, how can they be made to forsake their lazy habits, ... 312
Herd Book, Devon, ... 194
Hint, a good, ... 67
Homestead, the, ... 226
Hoeing, objects of, ... 242
Hog cholera, cure for, ... 132
Hogs, feeding, ... 65
Horse, Arabian, pedigree of, ... 21
Horse charm, the, ... 235
— diseases of the, ... 372
— distemper, ... 63, 78
— Flying Morgan, ... 120
— General Gifford, Jr., ... 304
— Justin Morgan, ... 23
— power, American, in England, ... 259
— Richardson on the, ... 15
— wild, how to find, ... 249
Horses, blood, ... 75
— bots or belly-ache in, ... 78
— colic in, ... 78
— condition powders for, ... 53
— docking, ... 75
— French, ... 49, 18
— management of, ... 80
— ointment for galls on, ... 374
— or cattle in farm labor, ... 150
— — — liniment for bruises on, ... 78
— poll evil in, ... 119
— scratches on, ... 78
— to inghalt in, ... 43
— stable for, ... 119
— winter management of, ... 304
Horticultural Exhibitions, women on committees at, ... 289

Horticultural operations for January, ... 28
— — — February, ... 59
— — — March, ... 95
— — — April, ... 124
— — — May, ... 159
— — — June, ... 188
— — — July, ... 221
— — — August, ... 251
— — — September, ... 283
— — — October, ... 319
— — — November, ... 349
— — — December, ... 376
Horticulture in Oregon, ... 192
Horticulturists, questions for, ... 60, 75
Hot-beds, ... 382
— management of, ... 124
House, farm, ... 121
Hoven in cattle, ... 226

Influence, home, ... 225
— the wife's, ... 225
Inquiries and Answers, 37, 67, 101, 133, 166 196, 229, 260, 292, 324, 356, 381
Items suggested by the December No., ... 15
— — — — January No., ... 43
— — — — February No., ... 75
— — — — March No., ... 109
— — — — April No., ... 138
— — — — May No., ... 171
— — — — June No., ... 205
— — — — July No., ... 238
— — — — August No., ... 269
— — — — September No., ... 299
— — — — October No., ... 335
— — — — November No., ... 366

Kane, Dr., death of, ... 109

Labor, price of in England and America, 130
Lady equestrianism, ... 142, 156, 157, 246
Land, best method of seeding it to timothy and herd's grass, ... 305
— how nature imparts fertility to, ... 236
— the tiller of his own, ... 25
Lands, working, in the fall, ... 259
Landscape gardening, specimen of American, ... 28
Letters from the South-west, ... 139
Lice on anything, to kill, ... 165
Lima beans, ... 75
— — a plea for, ... 76
Lime on beans, ... 79
Linden, European, ... 93
Location, as it affects temperature and vegetation, ... 282
Locust seed, sowing, ... 133
— tree, yellow, ... 27
— trees from seed, ... 15

Machine, how it may be easier for it to work than to do nothing, ... 279
Mad itch in cattle, ... 101
Mangel wurzel, cultivation of, ... 113
— — sowing in the fall, ... 195
Manure, applying and leaving upon the surface, ... 243
— artificial, frauds in, ... 74, 109
— barn-yard, ... 9, 43
— — management of, ... 147, 171, 181
— drawing out, ... 73
— heaps, muriatic acid in, ... 130
— leached ashes as a, ... 140, 171
— lime as a, ... 87, 131, 272
— other than barn-yard, most economical mode of obtaining, ... 147
— Peruvian guano as a, ... 184
— plowing in green corn for, ... 303
— salt as a, ... 150
— shade as a, ... 43
— still and still slop, ... 17
— swamp muck as a, ... 181
— question, the, ... 201
— unleached ashes as a, ... 140, 183
— value of, for potatoes, ... 183
Manures, concentrated and guano, ... 110
— liquid, ... 130
— special, ... 221
Marl, history of, as a fertilizer, ... 79
Marsh and its products, ... 45, 75
May-beetle, the, ... 239
Meadows, clean, ... 247
Meat, consumption of, ... 65
— how much corn or hay is required to produce a pound of, ... 271
— to make it fresh and sweet, ... 54
Melons, growing, ... 162
Mice and fruit trees, ... 30
— to prevent girdling by, ... 28

Milking, should ladies do the, 90, 109, 208, 276
— who should do the, ... 164
Millet, cultivation of, ... 183
Monroe County Farmers' Club, ... 30
Mosses, ... 251
Mowing machines, economy of, ... 227
Mulching, ... 219
Mushroom culture, ... 349

National wealth, ... 363
Newspaper statistics, fallacy of, ... 206
Notes for the month, by S. W., 17, 53, 109, 139, 171, 206, 238, 270, 299, 336, 366
— from Indiana, ... 339
— — Minnesota, ... 278

Oats, cultivation of, ... 107, 138, 145
Onions, cultivation of, ... 44, 182, 329
— hen manure for, ... 195
— raising, ... 49
— to raise large, ... 192
Orchard grass, ... 133
Orchards, improving old apple, ... 28
— location of, ... 96
— planting, ... 377
Ornamental tree, the horse chestnut as an, ... 220
Osage orange seed, ... 331
Owls, spare the, ... 192
— to catch, ... 101

Paint, cheap, ... 195
Parsley, to dry, for winter use, ... 378
Parsneps as a field crop, ... 171
— sowing in the fall, ... 116
Patent Office Report, ... 43
Peas, Japan, ... 20, 140, 260
Peach, cultivation of the, ... 154, 162
— trees, gum in, ... 382
— — the result of care in setting out, ... 317
Peaches, ... 27
— raising in Massachusetts, ... 351
Pear roots, length of—Correction, ... 347
— rust, and cracking of the, ... 61
Pears, dwarf, cultivation of, ... 121
— grafting on white thorn, ... 287
— select, on quince stocks, ... 57
Peas, best soil for, ... 128
— cultivation of, ... 31, 154, 163, 184
— forwarding early, ... 95
— should be sown early, ... 161
— to kill bugs in, ... 117
Petunias, a list of good, ... 192
Pigeons, domestic, ... 337
Pigs, Chester White, ... 131
Pig-sty, convenient, ... 270
Planting early, ... 140
— prepare for, next spring, ... 347
— summer and autumn, ... 283
Plants, protecting, from cold, ... 375
— starting, early, ... 192
Plaster for clover, ... 109
— — — Correction, ... 76
— sowing, ... 74
Plowing, ... 74
— and harrowing land, ... 78
— deep, ... 180
— fall and spring, ... 16, 43
— — to kill Canada thistles, ... 131
— for spring wheat, ... 47
— objects of, ... 115
— subsoil, ... 153, 171
— without headlands, ... 184
Plums, American, ... 352
— and the curculio, ... 171
— cultivation of, ... 155, 162
Poll evil, ... 183
Potato disease, ... 67
— rot, ... 322
— substitute for the, ... 21
Potatoes, ... 75, 109, 270
— cultivation of, ... 46, 79, 83, 114, 183
— — — in Iowa, ... 140
— — — in Ohio, ... 178
— — — in Washington Territory, ... 131
— — — without hand-hoe, ... 47
— digging and preserving, ... 278
— large and small, ... 15
— — yield of, ... 21
— mulching, with straw, ... 16
— on clover sod, ... 46
— planting, in the fall, ... 99, 195
— sprouting, ... 195
Poultry, feed for, ... 44
— house, Browne's, ... 208
Prairie farm, management of, ... 84, 143, 179
— hay and white butter, ... 230

Prairies, breaking up, ...10, 276, 302
Premiums for short essays, ...35, 75, 356
Prices, high, ...17
Progress, a mark of, ...54
Pumpkins, ...304
Puritan, Devon bull, ...54

Raspberry beds, ...95
Raspberries, ever-bearing, ...32
— three good, ...348
Rat-trap, ...100
Rats and mice, ...15, 43
— — — to destroy, ...66
— mice and other vermin, to destroy, 85, 100
— to get rid of, ...101
Receipts, original domestic, 53, 128, 226, 257
189, 221, 353, 379
Red spider in green-houses, ...265
Rennet, to prepare, ...256
Residence in the country or city, ...256
Rhubarb, ...95
Roads, reflections on poor, ...272
Root crops, cultivation of, ...143
Rose-bugs, sulphur to kill, ...192, 222, 290
Roses, a small collection of first-rate, ...32
Rotation, a proposed, ...172
— best system of, ...150
Rural Annual, the value of the, ...376
— New Yorker, ...194, 258
Ruta bagas and turnips, cultivation of, ...169
Rye, cultivation of, ...145

Sawing wood, machine for, ...68
Season comparative backwardness of the, ...287
Seed, soaking, ...66
Seeding, thick and thin, ...325
Shade trees, ...252
— — six good, ...230
Sheep, a profitable flock of, ...14, 78
— cost of raising and keeping, and producing wool, ...14
— good, the most profitable, ...300
— keeping, on good land, ...244
— management of, ...80, 113, 119, 120
— — and breeding of, ...374
— profits of, ...43
— racks for feeding, ...19, 50, 51, 368
— Saxony, ...139
— scab in, remedy for, ...13
— watering in winter, ...265
— wool grows in winter, ...114, 130
Short horn bull Master Butterfly, ...131
Shrubs, leguminous, ...32
Skunk, ...230
Small fruits, cultivation of, ...145
Soil, advantages of stirring the, 153, 173, 193
— analyses, practical utility of, ...265, 331
— carbonic acid in the, ...323
— how can we most economically increase the fertility of the, ...297
— quality of, ...16
— study the mechanical qualities of the, ...298
Sorghum, ...17, 53, 269, 270
South-down ram, great price for a, ...290
Sowing and reaping, (poetry,) 120
Spiræa Callosa, ...285
Spring work, hints on, ...73, 109
Stable, a cheap and commodious, ...207
Steers, good two-year old, ...180
Stock, care of, in winter, ...51
— great sale of imported, ...291
— lean, impolicy of selling off, ...206
— on the management of young, ...302
— — — — — — and working oxen, ...146
Strawberry plant, its insects, ...223
— plants, set out this month, ...288
Strawberries, ...95
— annual notes on, ...223
— cultivation of, ...287
— notes on, ...286
Striped bug, charcoal a cure for the, ...260
Sugar cane, planting, instead of seed, ...341
— — Chinese, chrystalized sugar from the, ...337
Sulphur to kill rose-bugs, ...142, 222, 290
Summer and autumn planting, ...253
Swamp muck as a fertiliser, ...181
Sweeney, cure for, ...182
Swine, management of, ...80, 109, 114

Tariff, reduction of, ...110
Taste and thrift in Iowa, ...273, 353
Thoughts suggested by the May No., ...174
Tobacco, on the cultivation and management of, ...307
Tomato vines or small shrubbery, racks for, ...132
Tomatoes among corn, ...238
Tools, take care of, fodder, &c., ...362
Tree, big, of California, ...61
Trees, packing, ...382
— planting, on prairies, ...192
— pruning, ...382
Turnips, ...260
— among corn, ...233, 274
— and carrots, ...304
— cultivation of, ...215
Turnip fly, ...195, 196

Underdraining, ...68, 151, 301
— clay land, ...322

Vegetables, hardy garden, ...95
— transplanting, ...123
Violet and its varieties, the, ...29

Water, hard, ...133
Wax, ...259
Weather and crops in Indiana, ...100
— — — of 1857, ...368
— — fuel, ...53
Weeds, best means of destroying, 84, 109
119, 131
— how to make grass take the place of, ...270
— why they grow apace, ...288
West, a lady's opinion of the, ...193
Western amusements, ...225
— lands, buying, ...116, 139
— N. Y. Fruit Growers' Ass'n, annual meeting of, ...65
Wheat, barley and oats, great fecundity of, ...22
— crop in Indiana, ...260
— drilling in, ...270, 278
— eating off, in spring, ...118
— Egyptian, ...260
— experiments in sowing different varieties, ...62
— great fecundity of, ...275
— growing in Western N. Y., ...41, 75
— — — — — — shall we have to abandon, ...76
— in Michigan, ...132
— laying out lands for, ...132
— midge, average injury from, ...116
— — destroyed by a rain storm, ...132
— seed, to clean chess out of, ...104
— sowing, after barley, ...165
— — harrowing and rolling, ...73
— spring, ...118
— — cultivation of, ...107, 144
— — in Kentucky, ...165
— to clean cockle out of, ...247
— — prevent smut in, ...120
— Turkish Flint, ...15
— what shall we raise in place of, ...240
— winter, ...109
— — cultivation of, ...81, 233, 243, 366
Willow, the, ...352
Windows, bay, ...100
Winter, the, ...110
— evenings, how shall we spend them? 321
— in Iowa, ...100
Wire-worms, buckwheat to kill, ...278
Woman, influence of, ...33
Woodland, management of, ...147
Wool, that twenty-three pound fleece, ...270

Yellow dock, ...271

INDEX TO ILLUSTRATIONS.

DOMESTIC ANIMALS.

Bull, Short-horn, "Don," 217
— Devon, "Puritan," 64
Cow, Short-horn, "Adelaide," 185
Goat, Female Cashmere, ...25
Heads of the Alderney cattle, ...330
— — — Ayrshire cattle, ...329
— — — Galloway cattle, ...329
— — — Hereford cattle, ...331
— — — Long-horn cattle, ...330
— — — North Devon cattle, ...331
— — — Short-horn cattle, ...330
— — — West Highland cattle, ...329
Horse, Arabian, outline of head, ...21
— Morgan, "Gen. Gifford, Jr.," 301
— — "Flying Morgan," 120
— — "Paul Clifford," 24

POULTRY.

Black Bantam cock and hen, ...345
Dominique cock, ...344
Dorking cock and hen, ...344
Game cock and hen, ...345
Silver-pencilled Hamburgh cock and hen, ...345
Gold-pencilled cock and hen, ...345
Heads of Spanish fowls, ...344
Polish top-knot cock and hen, ...344
White Bantam cock and hen, ...345

FARM AND OTHER BUILDINGS.

Cottage residence of W. H. Aspinwall, ...28
Farm houses, wood, ...121, 216
— house, brick, ...248
Hayes' farm, Devonshire, ...346
Plan of a pig-sty, ...270
Poultry-house, Browne's, with plans and cross section, ...280, 281
Stable, cheap and convenient, ...207

PLANTS AND TREES.

Arbor Vitæ, American, ...187
— — Siberian, ...187
Big tree of California, ...62
Cineraria, the, ...29
Dwarf pear tree, ...87
Eugenia Ugni, ...30
Horse chestnut, scarlet-flowered, ...220
Laburnum, the, ...32
Linden, European, ...94
Spiræa Callosa, ...283

MISCELLANEOUS.

Apple, the Ortley, ...219
Barley, seven different varieties, ...105, 106
Curculio, appearance of a plum when stung by the, ...218
— four cuts representing the different transformations of the, ...218
Drill-rake, ...123
Group of domestic pigeons, ...338
Instrument for laying out carves, ...60
Moth of the cut-worm, ...252
Rack for feeding sheep, ...368
Raspberries, Brinkle's Orange, ...348
— Fastolff, ...348
— Hudson River Antwerp, ...348
Red spider, natural size and magnified, ...67
Ruta bagas, three different kinds, ...169
Settlement in the wilderness, commencing a, ...370
— — — first summer at the, ...371
— — — — subsequent improvements at the, ...2
Tomato rack, and vine as it appears when first planted, ...188
— — — — as it appears when fully grown, ...189
Transplanters, ...123
Wheat, six different varieties, ...233

INDEX TO CORRESPONDENTS.

A. S. B., ... 19, 339
A. H., ... 19, 132
Alway W., ... 35
Adams, J. C., 50, 51, 110, 111, 135, 181, 280, 376,
A Lover of good fruits, ... 60
An Old Subscriber, ... 61
A Farmer, ... 63, 166
A. G. H., ... 68
A. F., ... 188, 184
Amateur, ... 191, 258
A Subscriber, ... 101, 166, 19:
A Lover of flowers, ... 19:
A Farmer's Wife, ... 162, 184, 193, 208, 22o
A. E. B., ... 195
Agricola, ... 211, 277, 285
A Mother, ... 89, 225
A. D., ... 324
A Country Invalid, ..128, 223, 252, 285, 349
Allen Joseph, ... 81
A. W., ... 112
A Constant Reader, ... 131
Ann H., ... 156
A. J. P., ... 166
A. J. C., ... 174
A. E. F., ... 256, 289
Allfather, Henry, ... 261
A. M., ... 276
A. J. N., ... 292
A Young Farmer, ... 18, 50, 166
Anthony, J. H., ... 85

Bartlett, Levi, ... 15
B. Niag. Co., N. Y., 16, 43, 75, 109, 116, 188, 161, 171, 205, 228, 269, 299, 365
Bement, C. N., ... 20, 44, 128, 190, 271, 338
B. P., ... 23, 46, 115, 242, 254
Brunner, H. J., ... 65
Blakslee, N. J., ... 68
Britten, M. R., ... 81
Bundy, E. G., ... 99
B., Sandy Lake, ... 117
Boas, J. N., ... 118, 292
Bently, S. H., ... 133
Baer, O. L., ... 133, 256, 324
Bartlett, B. F., ... 133, 376
Beman, J. E., ... 144
B., Rochester, N. Y., ... 155
B. E., ... 261
Brackett, C., ... 274, 275, 302, 340, 352
Burroughs, John L., ... 272
B., ... 307
Burnes, H. S., ... 374
Bissell, C. P., ... 378
Crockett, ... 27
Clement, Isaac, ... 27
Cooly, Solon, ... 85, 115
Collier, V. L., jr., ... 101
Chamberlain, J. D., ... 114, 119, 168
Chute, Andrew, ... 118, 120
Clement, J. B., ... 144
Collins, Mrs. C. H., ... 158
C. A. F., ... 166
Caldwell, Joseph, ... 254
Coryell, A. D., ... 292
Chapin, W. N., ... 341
Constatino, ... 202
C. F., ... 273
C. N. H., ... 361
D., Gates, N. Y., 15, 25, 28, 119, 162, 183, 187, 192, 198, 207, 208, 246, 255, 260, 262, 278, 302, 367, 669
D. F. K., ... 28
Davison, S., ... 83
D. K., ... 101
Delany, H. F., ... 131
Denroche, H. R., ... 261
Decker, B., ... 165
D. S., ... 174, 207, 369
Elliott, W. H., ... 67
E. A. B., ... 90
E. A. H., ... 91
E. L., ... 101
E. S., ... 132
E. A. T., ... 165, 247
Edwards, D., ... 261
Emmons, W., ... 382
Fairbanks, L., ... 28
Farmer, B., ... 47
F. A. G., ... 49
Francis, Richard, ... 49, 51, 165
Ford, Chilian, ... 50, 61
F. E., ... 116
Forsyth, W. A., ... 130
Franklin, S. N., ... 133, 323
Fitch, Prof. Asa, ... 239
Fisk, Miss Addie E., ... 313
Gardner, W. H., ... 14
G., ... 78, 114
Garnsey, W., ... 151, 174
G. A. F., ... 229
Given, S. K., ... 261
Haven, J. A., ... 262
Jarratt, W. B., ... 303
Harnsey, M., ... 306, 308
I. A. G., ... 324
I. G., ... 131
G. R., ... 230
Goldsmith, W. T., ... 31, 82, 125, 192
Hilton, H., ... 37
Housberger, D. C., ... 67
H. E. H., ... 59, 96, 154, 220, 253, 375
Hayward, E. S., ... 88, 111, 144
Hubert, ... 88, 113, 152, 247, 254
H. M. D., ... 89
Howe, C. N., ... 101, 146
H. J., ... 101
H. M. M., ... 129, 163
Hall, E., ... 140
Hoyt, A. L., ... 144
Houghton, Joel, ... 147, 278
Hecox, H., ... 151
Hamilton, J. H., ... 166
Hodges, E., ... 177, 278, 301, 313
Hildreth, C. E., ... 261
H., ... 262
H. C., ... 340, 341
H. B. S., ... 378
I. P. J., ... 261
J. B. B., ... 38
J. K., ... 37
Johnston, John, 46, 76, 180, 213, 244, 247, 309
Juvenis, ... 77
J. P., ... 101, 163
J. S., ... 119
J. L., ... 129
J. W., ... 133
J. W. A. K., ... 133
J. E. B., ... 161
J. H. B., ... 178, 351
J. R., ... 229, 261
J. F. F., ... 207, 248
J. E. B., ... 276
Jim, ... 300
J. H., ... 301
J. F., ... 301, 324, 325
J. L. K., ... 305
J. C. Mrs., ... 102
J. B., ... 381
Knox, D., ... 48
Knowles, R. D., ... 249
Lee, Joseph, ... 80, 150
Lee, Prof. Daniel, ... 109, 238, 265, 332, 337
Leatherseich, David, ... 118
L., ... 128, 150
Lewis, L., ... 133
Lyman G. C., ... 155, 277, 369
Lay, F. W., ... 176
Livingston, W., ... 250, 261
Lowe, John, ... 260
Lothrop, D. W., ... 318, 351
Loring, G., ... 369
L. C. S., ... 276
La Fontaine, A, ... 382
Miller, J. L., ... 21, 133
M. L. J., ... 27
M. S. B., ... 33, 66, 142, 192
McPherson, John, ... 37
Mullins, A. G., ... 81
Martin, Horatio, ... 84
M. G., ... 88
Mecker, L. A., ... 133
Mitchell, S., ... 141
McCreery, W. H., ... 158, 311
Maria, ... 157
M. W., ... 161
Mary, ... 161
Mitchell, Wm. D., ... 179, 356
McVean, John, ... 243
McVean, John C., ... 302
M. D., ... 310
M. A. C., ... 38
M. T., ... 379
M. S., ... 382
N. N., ... 278
N. C., ... 241
N., ... 312
Nichols, D. A. A., ... 51, 80, 178
Order, ... 67
P. M., ... 31
P. B., ... 47
P. P., ... 86
Pyrus, ... 88
Penn, ... 117
Perkins, J., ... 117, 118
Palmer, Charles, ... 118, 229
Purrinton, D., ... 141
P. C. R., ... 174
Powers, Stephen, ... 176, 292
P., ... 241
Prince, William R., ... 259
Parry, John, ... 262
Peck, S. B., ... 372
P. A. S., ... 380
Parks, M. L., ... 377
R., ... 15
R. R. S., ... 21, 32
R. D., ... 48
R. W. S., ... 53, 111
Ruby, J. S., ... 67
Reno, William, ... 101, 128
Reynolds, P. C., ... 156, 368
Ruble, W., ... 127
Rockwell, Charles, ... 133
Randall, Isaac, ... 146, 149, 261
R. F., ... 166
Richardson, M. A., ... 260
R. S., ... 356, 382
R. G., ... 261, 358
Smith, A. L., ... 13, 14, 30
S. W., 16, 17, 53, 75, 109, 139, 172, 206, 236, 238, 270, 299, 366
Salter, Josiah, 23, 60, 85, 95, 124, 133, 150, 188, 221, 222, 251, 283, 319, 335, 349, 376
Sanders, Edgar, ... 30
Senior, ... 48
S., ... 61, 292
Selden, Henry M., ... 68
Stark, Elijah, ... 100
Stevens, A., ... 116
Sanfield, John, 117, 192, 247, 240, 304, 341, 342, 352
S. S. B., ... 117
S. K. G., ... 119
Sawyer, W. A., ... 119
Sargeant, S. S., ... 133
Street, David, ... 150, 158, 306, 314
Starkey, Horace, ... 165
S. K., ... 229
S. A. W., ... 256
S. L., ... 260
S. G., ... 271
Smith, Hiram C., ... 274
Sampson, J. G., 142, 149, 155, 175, 188, 215
S. F. T., ... 368
Spectator, ... 377
Tunison, G. B., ... 18
Titus, Alex., ... 67, 368
Taylor, J. C., ... 78
Taylor, H. H., 86, 116, 145, 154, 184, 193, 206, 209, 218
Tanner, Myron E., ... 114, 162
T., ... 177
T. G. S., ... 278
T. G., ... 292
Tallman, John L., ... 323
Thomas, Elijah, ... 260, 349
Thomas, J. J., ... 347
T. S. T., ... 133
Terrill, C., ... 382
Temple, A., ... 382
Uncle Sam, ... 243
Vinton, James, ... 302
Viola, ... 321, 382
Van Horn, D., ... 165
Wood, D. S., ... 90
W. H. M., ... 114, 246
W. L. B., ... 115, 117, 176
Wilder, Marshall P., ... 34
W., ... 51, 79, 87, 174, 247
White, H. B., ... 68, 131
Williams, P. E., ... 134
Wilson, C. C., ... 146, 176, 275, 278, 305
W. F. B., ... 230
W. L., ... 239
W. D. M., ... 307
W. S., ... 308
W. L. M., ... 313
*Virginia, ... 87, 6
*, ... 58, 147, 184